A SAMPLE SPRECH.

didnte Cote in His Work

A condensed report of the average speech of the last named exhibit is appended.

Gentlemen, agriculturists and brothers: I am proud to speak to you to-day, proud to have the opportunity of addressing the men who feed us all—the farmers: proud to have the cars of the horny-handed sons of toil.

I love to meet you in your own open-faced country, where the tall potato vine raises its silken crowned tassel, and where the cucumber tree drops its pungent pickle upon the mellow ground.

When in the city, cooped up in walls of bricks and mortar, my thoughts oft wander to the meadows and woodlands, where the deep red blossoms of the succulent buckwheat are announcing a prospective yield of ten ions of cakes to the acre, and the butternut tree is yielding its stores of thick cream. nut tree is yielding its stores of thick cream. Gentlemen, I say that when I think of the

strawberry bush putting forth its tender leaves and vying with the clover tree in its efforts to beautify the landscape, I want to leave the moil and toil and carking care of city life behind me, his to the green fields and pleasant woods, and in indolent ease lie on a present help of mental assets. oring bed of maple sugar and gaze through the overarching branches of the lettuce tree the blue vault above.

to the blue vault above.

The charms of country life ever had for me an irresistible fascination. Born over yonder in East Sandy township, for several long, happy years it was my lot to prune the tomatoes, graft the radishes, rake the cabbages, mow the celery, shake up the asparagus beds, and do such similar chores as a boy

of my size could.

In addition to these duties I have often ridden the geese to water, milked the sorrel steer and gathered the teeming fruits of the turnip tree. It was there I learned the propertime to shear the geese was when the moon was full, and that the burn in a chestnut orse's tail could only be successfully eradi-ated when the moon was new. There, too, I learned that the subsoil plow

should only be used in harrowing white clover, and that young bulls should never be harpessed to the flail until they have been

Often have I sat on the cow-catcher of the reaper and assisted in harvesting the bounteous crop of corn. Many are the evenings I have passed full merrily in pleasant company, when all the boys and girls of the neighborhood would meet and hold a grand potato shucking or corn-winnowing, when apples and innocuous hard cider formed the exhilarating beverage.

I will say no more. I have told you enough, gentlemen, to convince you that your aspirations are my aspirations, your hopes my hopes, and that your education has been my education, and that if I am elected by your valuable suffrages to the office for which my friends have insisted I shall run, I shall ever remember that if the Often have I sat on the cow-catcher of the

shall run, I shall ever remember that if the farmer's interests are paramount in this country they are undoubtedly the most important.

WM. H. SIVITER.

POPULAR SCIENCE.

The bacteria of water and ice have been found in hall by Professor L. Maggi, an Italian physiologist. Such organisms are well-nigh universal. The transparency of molten iron, noticed during a casting of several tons, has been recorded by Mr. W. Ramsay. It has a

recorded by Mr. w. yellow tings.

The River Turis, at a point thirty-five miles away, is to be utilized for running the miles away, is to be utilized for running the miles away, is to be utilized for running the miles away, is to be utilized in the standard of Valencia, Spain. The 5,000-

f putting monkeys to work been accomplished in Brazil, ding to a report from Rio ty of these animals have been

An effective method of petrifying animal dies was claimed by Dr. G. B. Massedaglia, distinguished Padua chemist, who died one than forty years ago. The secret of the oceas was laft for his legitimate heirs, who was only very recently been found. The scovery so long locked up is now eagerly ught, and large sums have been offered for—thus far unsuccessfully.

The plan of utilizing coke dust by m

femor C. W. Youd communicated tembers of the Berlin Physical Society of their recent meetings, a very ing discovery, by which it is now possible the property of the contract meeting in the property of the contract of the c

STORMS.

ENOWLEDGE OF WEATHER IN THE PAST AND PRIMERT.

Age Concerning the Course of the Wind-What is Known To-day-Selentific Inves-tigations and What They Have Shown.

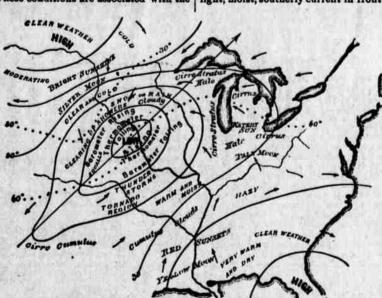


weather science about as Webster's blue spelling book, containing the picture of the boy in the apple tree, compares with modern illustrated press-work. Science is no longer an abstruse matter for scholarly minds in which the masses have no special interest. It has become utilita-rian, and is being more and more popularized. To the progress made in the youngest of sciences—meteorology—and that mainly through the work of the United States weather service, we owe much. The system of meteorology that has been developed and is receiving popular appreciation is moreover gradually sweeping away the preposterous claims of weather prophetic power, the recognition of which has not been com-plimentary to the general intelligence of

he age.
As every one knows, the conditions of the weather most important to human interests are temperature, wind and rain. These conditions are associated with the

heated and therefore light and expanding stratum, underlying a mass of cold and therefore dense and heavy atmosphere, seeks to rise. Finding in some favorable locality an escape through the overlying obstruction, an upward stream or current sets in, and to this point the adjacent surface air flows and ascends in the upward current. When the uprush is fairly under way the air flowing in from all sides quickly gains velocity and a whirling motion is cetablished. You may illustrate this by filling a basin, having a hole in the centre of the bottom, with water. Open the hole and give the water an initial agitation, and you will find it moving around the sides of the basin while it is passing out of the hole in the bottom. The whirl increases in dimensions until there is a great revolving movement of atmosphere. A storm then is an immense area of circling winds, from which it gets the appropriate name "cyclone." It is a general inward atmospheric movement toward and around a central area.

But the storm and descending currents of cold, drying air, to take the place of the former, on their western side. The lighter air and rainfall in front of a storm induce the storm to move in that direction. This, together with the pushing force of the increasing pressure applied by the heavier descending currents of air in rear of the storm's movement. Temperature and moisture increases at places toward and over which the front part of the storm has pass-d. With rising temperature and increasing moisture in front of the storm pressure increases and the barometer falls; while with falling temperature and drying air in rear of the storm pressure increases and the barometer falls; while with falling temperature and drying air in rear of the storm pressure increases and the barometer falls; while with falling temperature and drying air in rear of the storm pressure increases and the barometer falls; while with falling temperature and increasing moisture in front of the storm pressure increases and the barometer falls; while with fall d and therefore light and exp



passage of storms, and as they are bound up with the varying weight of the atmosphere, the harometer, which indicates the weight or pressure of the air, furnishes the key to the weather changes.

Weather maps representing a considerable part of the carth's surface, as the United States and the adjacent portions of the British possessions, show two distinct systems of atmospheric pressure, the forms and positions of which change from day to day. The data necessary

from day to day. The data necessary for the construction of the weather map being properly placed upon a map of the country, concentric lines connecting places where the barometers read alike can be traced inclosing these systems. In one the lines will be found to inclose pressures successively less until in about the centre

of the system the least pressure is located. In the other the lines will inclose pressures successively greater until in about the centre of the greater until in about the centre of the system the greatest pressure is located. The former system is known as an "area of low barometer" or cyclone, and the latter as an "area of high barometer" or anti-cyclone. Well-defined areas of low barometer are the distinguishing characteristics of the great storms, the hurricanes and typhoons of tropical regions and the ordinary storms of the middle latitudes. They are all comprehended under the general name cyclone.

It is upon this wonderful atmosphere of ours that we depend for the temperature and the elements that make life possible. The heat of the sun is the chief factor in the development and preserva-

sible. The heat of the sun is the chief factor in the development and preservation of life, as it is also, by reason of its agency in upsetting the equilibrium of the atmosphere, the power of destruction and desolation. To meet the requirements of life it is essential that the surface of the earth and the that the surface of the earth and the lower strata of the atmosphere receive and retain the greatest amount of heat. This need is provided for in the case with which the sun's heat passes through the atmosphere, concentrating on the earth's surface and in the lower air strata, and the difficulty with which it is radiated back by the earth. In this respect the atmosphere serves the same purpose the atmosphere serves the same purpose as glass, and the gardener gives us a practical illustration when he covers his plants with glass, which freely permits the passage of the sun's heat and prevents

a storm gradually rises into the colder strata of the atmosphere and condenses its vapor of water into clouds and rain, which conditions are carried into the upper rear portion of the storm, where, under a falling temperature, the rain turns to snow, and, under the influence of evaporating northerly winds and ris-ing barometer, the sky presently clears off bright and cold. Job said, "Fair weather cometh out of the north" and Solomon wrote, "The north wind driveth away rain."

Attending storms we find the broadest features of weather to be as shown in the diagram:

The lines, called "isobars," returning into themselves, inclose the circling mass

The lines, called "isobars," returning into themselves, inclose the circling mass of atmosphere which constitutes "the storm." The dotted lines, called "isotherms," whatever their values may be, show the usual trend of temperature lines in relation to storms. The arrows (local wind directions) and legends have no geographical reference, but show the weather conditions surrounding a progressive storm. The whole revolving mass propagates itself in an easterly direction, the average direction of movement being northeastern portion of the diagram we see the region in relation to a storm where the weather is clear and very warm, with the red sunsets and very warm, with the red sunsets and yellow moon that indicate a prolongation of fair weather. "When it is evening ye say it will be fair weather, for the sky is red." In the heated southwesterly currents that prevail southeast of the storm, cumulus clouds are formed and sail northward. These soon enter the region in front of the storm, where the higher cirrus are found, and combining with them form the cirrostratus, and presently there is a gloomy, overcast sky and rain. Attending the higher cirro-stratus we find a watery sun, a pale moon, and a halo-forming sky. "The moon with a circle brings water in her beak." Halos generally occur in the extreme front of a storm area, and are, perhaps, our first indications of the increasing dampness of this part of the storm area.

If the sun goes pale to bed,
"Twill rain to-morrow, it is said.

If the sun goes pale to bed, 'Twill rain to-morrow, it is said.



ors" tell them, and a great deal more that is told them by others, have, of course, no idea how much "business" consists in alipping from one store to another and chatting on the news of the day, in lounging around street-corners, or in clubs and restauranta, and discussing the private concerns of men—in short, in gadding and gossiping. What a comfort it is that they believe so in their lords and masters, and are so healthfully conscious of their own inferiority!

A Story Teller. Mr. Lawrence Jerome stands alone in New York as a story-teller and wit. He can liter-ally tell funny stories by the hour and the peculiarity of his case is that it does not matpeculiarity of his case is that it does not matter in the least what company he is in, he is equally happy. He has been known to amuse a party of ladies, a crowd of workmen, and a club of practiced wits all in one day. As for children, they think no one understands how to please them so well as he. He told a story at the Chamberlain dinner the other night of a dude running for Congress in a down-town district and saying to a lot of 'longshoremen that he had never been in that locality before. This incensed them to a strange degree. "Low cality? Low cality, is it?" said one of the angry men. "Fwat d'ye mane by insulting dacent people that way? If this is a low cality, I'd fike to know where you'll find a high cality." Bechange.

HOWARD'S LETTER.

THE SHOP-GIRL PROBLEM MYSTI-FYING ALL SORTS OF PEOPLE.

How They Are Spent-Thoughtlessner and Selfishness on the Part of Employer

The shop-girl problem mystifies all nen and many women. New York shop-girls are divided into m my grades, but they are of a common

moon, if there be any st night, and bright sunshine during the day.

Our relative position toward a storm and the weather we are likely to experience in connection with it may be readily seen on the diagram. If the storm passes by well north of us we have the warm southerly winds, the northward-sailing cumulus clouds, the fair weather with its yellow moon and red sunsets, followed, as the storm passes our meridian, by cooler westerly winds and a continuation of fair weather. We escape the winter side of the storm. If it comes up from the southwest and moves about as represented on the diagram we will experience the weather conditions of both its front and rear portions. If it comes up from the southeast and moves along the Atlantic coast we will have only its winter side. If we have a southeasterly wind and the usual premonitions of an approaching storm we may know by watching the wind whether the centre of that storm is coming directly toward us or whether it will pass by north or south of our locality. Should the wind continue from the southeast the storm will pass over us. Should the wind change to northeast and north, the storm center is passing by south of us and we will suffer raw, disagreeable weather with rain or snow and some days of low temperature. But should the wind change to the south and west, the storm is moving by north of us and we will feel only

and west, the storm is moving by north
of us and we will feel only
the southern edge of it. A
study of the diagram with
reference to any particular

section or locality will make this very

clear.

Storm tracks across this continent lie along higher or lower parallels according to the season of the year. In winter and early spring storm centres move along lower latitudes, the lower the colder our winter, because the cold northerly air in rear of storms preponderates. In summer and autumn they generally keep well in the north, and the further north the warmer our summer and longer our

the warmer our summer and longer our autumn, because the warm southerly air preponderates. We see on the diagram that the surface air within influential distance of a circling storm is

drawn toward and around the centre of the storm. It is a mistaken popular no-tion that a storm comes from the east because the wind blows from that quar-

ter. Easterly winds generally indicate the approach of a storm from some

westerly point.

In the southeastern quadrant of a cyclone, or storm, generally occurs the collision of fierce currents resulting in the tornado.

S. S. Basslers.

GOSSIP AND SLANDER.

The Wide Difference Which May Exist

There is a wide distinction between

gossip and slander. Gossip may be true

or false; slander implies a lie. Gossip

may be good-natured, or ill-natured;

slander is born of malice. Gossip may

be edifying, or disgusting; slander de-

grades alike him who talks and him who

listens. Gossip may sometimes lead to practical results and be pregnant with

valuable suggestions; slander never

helps any cause but that of the Evil One.

Gossip may be defined as talk about

the little affairs of other people. These

are, strictly speaking, none of your busi-

ness; but there is this to be said-other

people are certain to occupy themselves

with your little affairs. Indeed, the

social nature of humanity seems to in!

volve an interest in what concerns our

fellows, independent of its relation to ourselves. And there is another cause

hero to his valet. It may also be observed that, without an enormous capacity for self-delusion, men cannot be admirable in their own eyes. There are

matters than slander, and may be of good things as well as naughty.

One of the greatest errors fostered by a literature too exclusively masculine is that gossip is the peculiar province and delight of womankind. It requires a great deal of effrontery for an observant man to maintain this position. The male sex, he cannot but perceive, spends hours of the so-called business part of the dear in the ideas of cassin. But the

the day in the idlest of gossip. But the dear credulous creatures at home, who re-ceive as gospel everything their "protect-ors" tell them, and a great deal more that

William Blanch

m my grades, but they are of a common species.

Now and then some absurdly sensitive member of the guild designates herself as a "saleslady," without pausing to think how absurd it would be to speak of her fellow-clerk as a salesgentleman, and there is a tradition that in a popular bazar on Fourteenth street the woman in charge is recognized as the "forelady," while her masculine companion, who does similar service to the firm in superintending men and boys, has to be content with the appellation of foreman, well knowing that if he were to call himself foregentleman he would be regarded as a dude and treated as a fraud. However stupid and careless individuals among this class of useful members of trade society may be, as a general thing the shop-girls of New York are bright, quick-witted, attentive and exceptionally well dressed.

Dressed?

Ah, that's the interesting question.

The weekly pay of these girls runs from \$3 to \$7. Now and then we hear of a good, bright, smart girl we would that she has either found another place, or, without entering into it, we don't keep the place for her."

"Are they satisfied, do you think, with

The weekly pay of these girls runs from \$3 to \$7. Now and then we hear of a

their work it is unnecessary

speak. In some stores they are driven to the verge of desperation. The superciliousness, thoughtlessness and selfishness of shoppers have often been commented upon, as have the cares and troubles and physical discomforts of the girls who wait upon them; but, after all, the thing that most worries the women making purchases is how the little party on the other side of the counter manages, on her \$4 a week, to pay her board and to dress as neatly and look as charming as she does; while the greatest trouble the aforesaid party on the other side of the counter has is to know how to make

both ends meet. To what does this question tend? That there are instances where the clue followed would lead to disrepute is an unquestioned fact, but to stigmatize the great body of active strivers in that field of operation as immoral would be not only unmanly but absolutely absurd. The girls live somewhere. They manage to pay their board and their occasional doctor. So far as can be judged by careful scrutiny of their apparel from the waist up—the remainder being hidden by the counter—their costumes, though not as expensive, are quite as becoming and pretty as those worn by the customers who tax their time and patience. No matter how pallid and weary and fagged and discontegted the average shop-girl appears while at her work, it is well known, by the thousands who tread our busy streets at nightfall, that the merriest groups they encounter are laughing, rollicking, bright-eyed shop-girls on their way home to supper. It is an ascertainable fact that these girls are familiar with the great successes in the theatre. Many of them are everlastingly chewing something. Bright rilbons decorate their necks and pretentious rings call attention to knuckles on their hands. They are rarely seen without earrings of some kind, and pretty if not costly jewelry adons their person.

It is san oticeable fact that in almost all the large stores the Hebrew element is in a vast majority. There are few candy stores, millinery shops, boot and shoe "empority. There are few candy stores, millinery shops, boot and shoe "empority. There are few candy stores, millinery shops, boot and shoe "empority. There are few candy stores, millinery shops, boot and shoe "empority. There are few candy stores, millinery shops, boot and shoe "empority. There are few candy stores, millinery shops, boot and shoe "empority. There are few candy stores, millinery shops, boot and shoe "emporitums" and restaurants where the employee are not of the Hebrew persua-sion. These are chiefly country girls and women, but they are a totally distinct class from shop-girls of the period. Shop-girls vary from fifteen to twenty years of age, seventeen being a fair average age. These are the girls and tought from top to toe, and tize the great body of active strivers in admirable in their own eyes. There are thousands of petty weaknesses, secret. folibles, resisted yet serious temptations and unspeakable thoughts for which we all have to reckon with our consciences. It is a satisfaction to find that we are not alone in these experiences—that what some lucky chance, it may be, has alone saved us from, Jones has actually committed; that puerilities we are sneakingly aware of in our own hearts and minds have been openly manifested by Smith. This brings in personal vanity to be gratified by piquant disclosures of a friend's peccadilloes, and imparts to gossip, perhaps, its main attractiveness. But gossip, nevertheless, deals with lighter matters than alander, and may be of good things as well as naughty.

It is said that very many of these girls live at home, where their parents provide all that is needed in the way of shelter and food, letting the girls have the money that is paid them for their own dress and pleasure. That being the case, one can readily understand how a careful, intelligent girl can make herself look neat and trim and tidy on \$4 a week; but a majority do not live at home. They live in boarding-houses, paying from \$2 to \$3 in the very cheapest and humblest place, while a low estimate would allow them \$3 50 each per week for board alone. It must be remembered that \$4 are taken as the average, and that thousands get but \$3 at the utmost. There may be stores and shops where the girls are slatternly, and untidy in appearance, offensive in manner, rude and boisterous in behavior; but if soand there is no proof that there are any such—they are phenomenal exceptions: for, while many ladies complain of infor, while many ladies complain of in-difference and suggested incivility, com-plaint of absolute rudeness or boisterous-ness or discourtesy is a thing almost unheard of. It has been suggested that comely girls are very apt to make friends with customers, who, in their turn, for courtesies and favors shown behind the counters, make occa-sional presents of money or desired artisional presents of money or desired arti-

faces wherever seen, and are ready to act as escort, and perhaps as patron on occa-sions, there can be no doubt, but that this is the rule it would be folly and contrary to fact to assert.

The girls live, they look well, they average \$4 a week.

Now, how do they do \$1?

cles, some even going so far as to extend

social civilities, and in some cases more marked attention. That such is the case now and then, that young men of suscep-

and remaining until a specified time, with a distinct understanding that if trade is brisk, particularly during holiday times, they must remain—no matter how late the hour."

"Do you allow them anything extra?"

"Oh, no. We keep and pay them during the dull seasons of the year, when there is very little to do; why shouldn't they reciprocate and help us when there is considerable to do?"

"Do you allow them anything for sup-

is considerable to do?"
"Do you allow them anything for supper at such times?"
"Certainly not."
"But they lose their own at home."
"Oh, well, what is the use of going into that? If she doesn't like her place all she has to do is to step down and out. We have scores of applications every weak."

place for her."
"Are they satisfied, do you think, with

The weekly pay of these girls runs from \$10. Now and then we hear of a phenomenon who receives \$10, but the vast majority get \$3, and quite a number get \$5. For the sake of sensible argument let us strike an average, and say that the wages of a shop-girl in New York city are \$4 a week, year in and year out.

What does she do with it?
Well, in the first place, she has to have a place in which to live and a table with which to support her life. She must have underclothes and neat, if not gaudy, dresses, and suitable apparel for the street when going to and from her employment. In the first place, it is no easy thing to obtain a situation as shop-girl. People unfamiliar with that sort of thing would be surprised at the amount of red tape and influence—literal influence—necessary to procure the humblest position for bright and capable and willing girls. Of their work it is unnecessary to speak. In some stores they are driven

my business, beyond the fact that I am careful in engaging girls. I judge from their appearance somewhat, and by their recommendation a great deal. We rarely have girls come here who are strangers to us all. Some of them have sisters or covains or valetions or faired a have all these all. cousins or relatives or friends here al-ready, and, although I never thought about it before, if they are ill and com-pelled to stay away, the relative or friend who thought enough of her to get her the position will think enough of her to take care of her."

take care of her."

"I suppose you consider yourself a considerate employer?"

"Yes, indeed; I very rarely speak to the girla. I know them, of course, but I have very little to do with them. They are under the control of the floorwalker in each department, who is responsible for the discipline, and although he has no power to discharge, his recommendation would be acted upon ninetynine times in a hundred."

It is a noticeable fact that in almost all

It is a noticeable fact that in almost all the large stores the Hebrew element is in

cynic, the humanitarian, or the ordinary man or woman can find, in all the wide horizoned range, anything more mysteriously interesting or interestingly mysterious than the shop-girls of the period—where they come from, where they go, and how they live.

CORK.

iome Interesting Points Concerning This Very Useful Article. The density of cork varies with its quality and age. Thin corks are usually heavier than those of the same volume that have grown more rapidly, and, in corks of the same class, the density increases with the grown more rapidly, and, in corks of the same class, the density increases with the age. M. Brisson gives 0.240 as an average maximum, and the ordinary density of a ten-year-old cork may be taken at 0.2. With extreme lightness are associated other valuable qualities: that of being a poor conductor of heat and sound; impermeability to liquids: imperfect combustibility, and nonliability to decay, by reason of which it is ausceptible of very numerous applications in industry. The most important use of the substance is for bottle-corks. The bark which is intended to be used in this form is kept in a damp cellar. When taken to the shop it is cut by the first workman into strips, the width of which corresponds with the length of the future cork. A second workman cuts these strips into squares suited in size to its diameter. The squares, strung, are plunged into boiling water to make them swell out. They are then stored in a coolplace, and kept constantly moist by sprinking, till they pass into the hands of the corkmaker. He applies them in succession, giving them a rotary motion, to the edge of a wide-bladed knife, drawing them at the same time slowly along its length, and, by skillful manipulation, transforms the square into a round cork. This is the method unvally practiced in France. Workmen in other same time slowly along us length, and, ay akiliful manipulation, transforms the square into a round core. This is the method usually practiced in France. Workmen in other countries handle the knife in different manners. It is essential, to obtain a good and solid cork, to take care that its axis as it is out from the bark be parallel with the axis of the tree on which the bark grow; but the broad, flat corks have to be cut parpendicular to the axis of the tree. Only the finest corks are now made by hand. A good workman can turn out in the method described

DRUMMERS.

THE UNIQUE POSITION THEY C

To Business Can be Succeedfully Conducted.
Without Their Ald—The Custom End life
Origin in England—Reduced to a State
Art—Acquaintance Their Stronghold.

The drummer occupies a unique posi-tion in our commercial system. Many attempts have been made to dislocate him, but notwithstanding this he comes up smiling and takes his place solic-iting trade as careless and debounts as if he was not at all connected with the efforts made to destroy his cal It is a fact now thoroughly und that no business can be successful with out the drummer. Price lists, catale and photographs have been sent out by merchants to induce trade, without one tenth of the result that has accom the drummer's personal efforts. Printed matter, through the multiplicity of prinsing presses, has become so abundant that it attracts no attention whatever, and its recipient does not even bestow a gis upon it as he throws it into the w asket. Every line of business nowadays has

its drummer, who, briefly speaking drums up trade for his house. The con-tom had its origin in England, when tom had its origin in England, where Dickens, with his immortal pen, told of English commercial travelers and their doings. A commercial travelers and the doings. A commercial dinner is yet eng of the features at all the English actes, where the feative knight of the gripect presides and is held in much reverance. But Yankee drummers can give points to their transatlantic cousins. They bear the world in region of seculiar the world in point of sagacity, courage, enterprise, worth and goaheadativeness, and to the drummers of effete monas les can-say with pride, "There are no files

When drumming was first introduce into this country, a commercial traveler would start out with a whole stock of goods. He would only go to principal cities and remain in them until & all was disposed of. Country meachants would then pay two visits to town—in the spring and in the fall. As the itinerant system of doing business found favor, drummers gradually increased, and the frequency of their visits made the stocks of goods they carried lighter and lighter, till samples have come to be the only things representative of the goods the drummer sells. In cases where the bulky nature of the goods forbids the drummer carrying samples along, photographs that are true to nature are by the drummer exhibited to his customers in the various towns on his route. Instead of the country merchant making periodical visits to New York. is posted on the latest style and buys the peripatetic drummer. He gets his news, gossip of the trade, and the leasest story from him as well.

Having outlined the method of transacting business in this country, the mo-ufacturer drumming the wholesaler, the wholesaler drumming the retailer, and the retailer drumming the consumer, it must not be thought that each drummer in his respective class has a picnic of it in selling his goods. Probably the man who originally went about the country with his stocks of goods could easily sell them. But with an army of drummers travers ing the country from Portland, Me., to Portland, Ore., it is only the fellow who commands attention, is adiplomat in the best sense of the term, is of unassaliable courage and indomitable will, is not swerved from his purpose by any obstacle, is of skillful address, has persuasive eloquence and withal has discretion when to leave his prey, and is a shrew observer of human nature, and knows how to play upon men's weakness and foibles, that nowadays is the successful drummer.

foibles, that nowadays is the successful drummer.

Drumming is now reduced to a fine art. Competition has done away with friendship and overproduction has made the drummer sell, when nine times out of ten the man he sells to don't, won't and can't, without a mighty effort, get rid of the goods he has just bought. In many lines of merchandise the point has been reached where every day drummers stand in line, two or three deep, awaiting their turn to present their particular article. Wholesale and many retail establishments have now their buyer, whose duty it is to resist the drummer's importunities and buy only such goods as he can sell. Occourse, buyers, as all-powerful individuals, are diligently courted. Britany is often hinted at, but the buyers, be at to their credit said, are quite free from this grave offense. They are mostly recruited from the ranks of drummers, and know the danger of accepting bribes to tempt them from the path of duty, and know as well the value of courtery and a kind word from a man in their position.

They tell in the old days of the hame.

and know as well the value of courtery and a kind word from a man in their position.

They, tell in the old days of the base-fits of whiskey or wine upon an observate buyer. But with drumming as a fine art dissipation of any kind is out of the question. The drummer must tall his story connectedly, tersely, briefly and command the buyer's attention by his silvery utterances. The merit of the goods he is offering for sale has nothing to do with his success. Goods are judged by the salesman's manner of offering them. A drummer recently tall me that he could sell the dirt off the streets, and when I doubted the assertion, demonstrated the fact by taking some street refuse and wrapping it in foil, sold it before my eyes, as seen compound with a big-sounding name.

Acquaintance is everything with the drummer. He should know the possition whom he wishes to sell and the plane at which his goods sell. Beyond the knowledge, friendship does not figure in business transactions. It is safe to any that by many the drummer is not appreciated. He is looked upon by some as a very cheeky individual and by others man unmitigated bore. But in his streets of or success, is it any wonder that he is not to forget the amenities and propriational forgets all else. It is the old story of having one object in view and overstanding everything else to get there. I make that to be a successful drummer against greater assuteness than to be a general. The pathway of a drumming everything else to get there. I make that to be a successful drummer against greater assuteness than to be a general. The pathway of a drumming everything else to get there. I make that to be a successful drummer against greater assuteness than to be a general. The pathway of a drumming everything else to get there. I make that to be a successful drummer and united can fully travel it.

Nest Qualified to False.